Abstract

Improved organophotoreceptor comprises an electrically conductive substrate and a photoconductive element on the electrically conductive substrate, the photoconductive element comprising:

(a) a charge transport material having the formula

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where R₁, R₂, R₃, R₄, R₅, R₆, R₇, and R₈, are, each independently, an alkyl group, an alkenyl group, an alkynyl group, an aryl group, or a heterocyclic group;

R₉ and R₁₀ are, each independently, H, an alkyl group, an alkenyl group, an alkynyl group, an aryl group, or a heterocyclic group;

Ar₁ and Ar₂ are, each independently, an aromatic group;

Y is an arylamine group; and

 X_1 and X_2 are, each independently, a linking group; and

(b) a charge generating compound.

15 Corresponding electrophotographic apparatuses and imaging methods are described.